



# USB SoundWave 7.1

## Quick Installation Guide

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### Introduction

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The *USB SoundWave 7.1* is a portable sound controller that simulates 7.1-channel sound to headphones or 2-channel speakers.

### Features and Benefits

- Virtual 7.1-channel sound provides home-theater quality surround sound via headphones or stereo speakers
- Built-in amplifier for rich and powerful sound
- Supports EAX 2.0, A3D 1.0, and Microsoft DirectSound 3D
- Xear 3D software offers 27 environment effects and 3 environment sizes, plus a 10-band equalizer with presets or manual configuration
- Supports Plug and Play installation and obtains power from USB port

### Serial Number Sticker

For future product return or exchange, this serial number is required. Please keep it for your reference.



Serial Number

Part Number



## System Requirements

- Pentium II-350MHz or equivalent PC with 128MB RAM
- An available USB port
- Windows® 8 (32-/64-bit) / 7 (32-/64-bit) / Vista (32-/64-bit) / XP (32-/64-bit) / Server 2003 & 2008 (32-/64-bit) / Server 2008 R2 / 2000

## Package Contents

- *USB SoundWave 7.1*
- USB extension cable
- Software CD
- Quick installation guide

## Layout

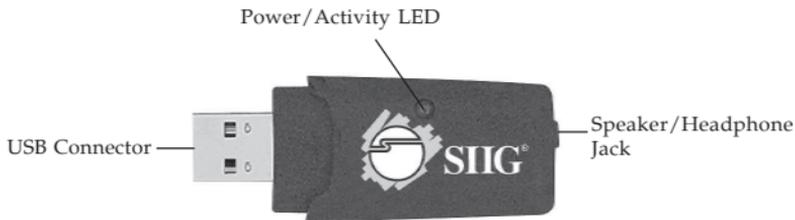


Figure 1. Layout

## Driver Installation

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Windows will automatically install its built-in driver for the *USB SoundWave 7.1* when connected. To get Xear 3D Audio Configuration Utility, Mixer, Equalizer and virtual 7.1-channel sound from headphones or stereo speakers, install the Xear 3D software and driver from the software CD. *Note: Plug in the USB SoundWave 7.1 and allow the Windows driver to load before inserting the software CD.*

### Windows 8 / 7 / Server 2008 R2

1. Insert the software CD. **AutoPlay** should start the installation.  
*At the AutoPlay box:* Click **Open folder to view files**. Double click **Win7** folder, double click **Setup**.  
*If AutoPlay doesn't start:* Click **Start**, in **Start Search**, type **D:\Win7\setup.exe**, then press **Enter**. (Change **D:** to match your CD/DVD-ROM drive letter)
2. At **User Account Control**, click **Yes**. For Server 2008 R2, skip this step.
3. Select **Yes, I want to restart my computer now**, then click **Finish** to complete the installation.

### Windows Vista / Server 2008

1. Insert the software CD. **AutoPlay** should start.  
*At the AutoPlay box:* Click **Run Setup.exe**.  
*If AutoPlay doesn't start:* Click **Start**, in **Start Search**, type **D:\setup.exe**, then press **Enter**. (Change **D:** to match your CD/DVD-ROM drive letter)

2. At **User Account Control**, click **Allow**. For Server 2008, skip this step.
3. Click **Yes, I want to restart my computer now**, then click **Finish** to complete the installation.

## **For Windows XP / Server 2003 / 2000**

1. Insert the software CD. **Autorun** should start the installation. If **Autorun** doesn't start, click **Start**, then **Run**. Type **D:\setup.exe**, then click **OK**. (Change **D:** to match your CD/DVD-ROM drive letter)
2. Click **Next** two times.
3. Click **Yes, I want to restart my computer now**, then click **Finish** to complete the installation.

## **To Verify Installation**

1. From the desktop, right click **Computer** or **My Computer**, then click **Manage**.  
*For Windows 8 / 7 / XP / 2003 / 2000:* Click **Device Manager**.  
*For Windows Vista:* Click **Continue**, then click **Device Manager**.  
*For Windows Server 2008 / 2008 R2:* Double click **Diagnostics**, then click **Device Manager**.
2. Double click **Sound, video and game controllers**, **USB Audio Device** or **USB Sound Device** should be displayed.

# Xear 3D Audio Configuration Utility

**USB Audio Device** quick start icon  , located in the system tray by the clock, installs automatically during driver installation. Simply click on the quick start icon to open the audio configuration utility.

## Main Setting

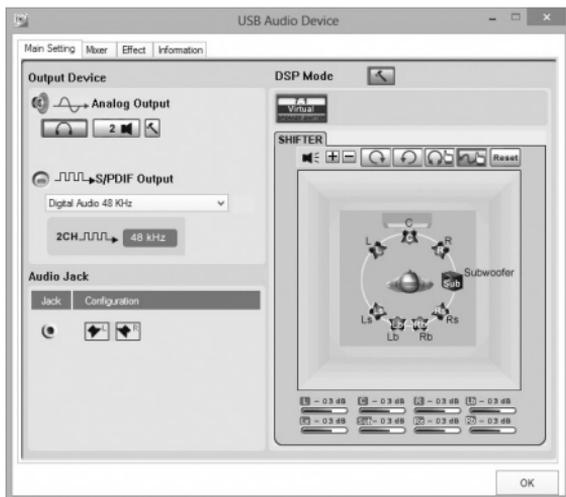


Figure 2

- **Analog Output:** For analog output, select output type from **earphone** or **2-channel**
- **S/PDIF Output:** The *USB SoundWave 7.1* supports analog audio output only, this feature is disabled

- DSP mode: Click the DSP button  to enable DSP mode for virtual 7.1-channel surrounded audio simulation and it's related settings. Click the DSP button again to disable the function.

## Mixer

The function of this page is similar with the Windows Audio advanced properties page.

Drag the slider(s) to increase or decrease the **CD Audio** and **Volume**.



Figure 3

## Effect

Select different Environment effects, equalizer modes and room size for different audio output qualities.



Figure 4

- Environment: Select your desired environment from Bathroom, Concert hall, Under water, Music pub, and more
- Environment size: Select the room size from small, medium or large
- Equalizer: Select your desired EQ preset mode from Dance, Bass, Rock, Metal, and more

## Information

Displays the software information, including the audio driver version. Go to SIIG's website to download the latest driver, if needed.

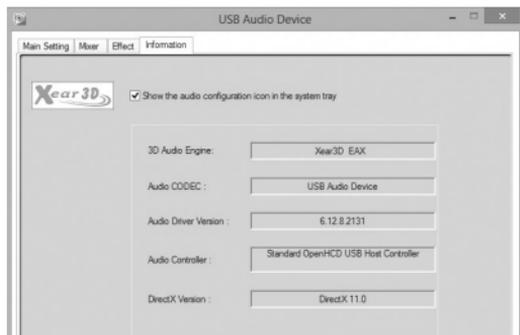


Figure 5

## Speaker Configuration

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If you have no audio output, follow the steps below to set the **USB SoundWave 7.1** as the default audio device. Make sure to log in as Administrator or an account with administrator rights.

### Windows 8 / 7

1. Click **Start, Control Panel, Hardware and Sound**.
2. Click **Sound**.
3. Select **Speakers USB Audio Device**, click **Configure**.
4. Follow on-screen instructions to complete.

## **Windows Vista / Server 2008**

1. Click **Start, Control Panel, Classic View**.
2. Double click **Sound**.
3. Select **USB Audio Device**, click **Configure**.
4. Select **Audio Channels**, click **Next**.
5. Follow on-screen instructions to complete.

## **Windows XP / Server 2003**

1. Click **Start, Control Panel, Sounds and Audio Devices**.
2. Under **Sound Playback**, select the **Audio** tab, click **Advanced**, then click the **Speakers** tab.
3. Click the drop down list and select your speaker.
4. Click **OK** to save the settings.

## **Server 2008 R2**

1. Click **Start, Control Panel, Hardware and Sound**.
2. Click **Sound**.
3. Click **Yes** at the prompted warning window. Skip this step if not prompted.
4. Select **Speakers USB Audio Device**, click **Configure**.
5. Follow on-screen instructions to complete.

## **Windows 2000**

1. Click **Start, Settings, Control Panel**.
2. Double click **Sounds and Multimedia**.

3. Click **Audio** tab, under **Sound Playback**, click **Advanced**, then click the **Speakers** tab.
4. Click the drop down list and select your speaker.
5. Click **OK** to save the settings.

## **Uninstalling Xear 3D Software**

### **Windows 8 / 7 / Server 2008 R2**

1. Click **Start, Control Panel, Programs**.
2. Click **Uninstall a programs** under **Programs**.
3. Select **USB Audio Device**, click **Uninstall/Change**.
4. Follow the on-screen instructions to complete.

### **Windows Vista / Server 2008**

1. Click **Start, Control Panel, Classic View**.
2. Double click **Programs and Features** icon.
3. Select **USB Audio Device**, click **Uninstall/Change**.
4. Follow the on-screen instructions to complete.

### **Windows XP / Server 2003 / 2000**

1. Click **Start, Settings** (skip for **XP & Server 2003**).
2. Click **Control Panel**, double click **Add/Remove Programs**.
3. Select **USB Audio Device**, click **Change/Remove** or **Add/Remove**.
4. Follow the on-screen instructions to complete.

# Technical Support and Warranty

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**QUESTIONS?** SIIG's **Online Support** has answers! Simply visit our web site at [www.siig.com](http://www.siig.com) and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analyst will promptly respond.

SIIG offers a 5-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for five (5) years from the date of purchase of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details.

If you encounter any problems with this product, please follow the procedures below.

A) If it is within the store's return policy period, please return the product to the store where you purchased from.

B) If your purchase has passed the store's return policy period, please follow the steps below to have the product repaired or replaced.

**Step 1:** Submit your RMA request.

Go to [www.siig.com](http://www.siig.com), click **Support**, then **REQUEST A PRODUCT REPLACEMENT** to submit a request to [SIIG RMA](#) or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.

**Step 2:** After obtaining an RMA number, ship the product.

- Properly pack the product for shipping. All accessories that came with the original package must be included.
- Clearly write your RMA number on the top of the returned package. SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.
- You are responsible for the cost of shipping to SIIG. Ship the product to the following address:

**SIIG, Inc.**  
**6078 Stewart Avenue**  
**Fremont, CA 94538-3152, USA**  
**RMA #:** \_\_\_\_\_

- SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.

## About SIIG, Inc.

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Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/ Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio. SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.

### **PRODUCT NAME**

USB SoundWave 7.1

**FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B  
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE**

### **FCC COMPLIANCE STATEMENT:**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### **THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE**

SIIG, Inc.  
6078 Stewart Avenue  
Fremont, CA 94538-3152, USA  
Phone: 510-657-8688

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